PROXIMITY DETECTOR, PORTABLE COMPUTER, PROXIMITY DETECTION METHOD, AND PROGRAM

A proximity detector includes an element which contactlessly exerts a predetermined action from a first member or portion; a detector which detects, in a second member or portion, the receipt of the action of a predetermined intensity or more; and an inhibitor which prevents, in the first portion, the element from exerting the action. When the detector detects the receipt of the action of predetermined intensity or more, the inhibitor prevents the exertion of the action, and a determination is made whether or not the first member or portion is proximate to the second member or portion based on an output of the detector in response to the prevention of the action.